

Sheet 1 of 4

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANTSATTY. DOCKET NO.
UV-84

SERIAL NO.

APPLICANTS

Michael D. Ellis, William L. Thomas, and
Thomas R. LemmonsFILING DATE
Concurrently Herewith

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>6-6</i>	4,355,415	10/19/82	George et al.	455	185	
	4,605,964	8/12/86	Chard	358	147	
	4,694,490	9/15/87	Harvey et al.	380	20	
	4,718,107	1/5/88	Hayes	455	4	
	4,857,999	8/15/89	Welsh	358	84	
	4,908,707	3/13/90	Kinghorn	358	147	
	4,930,158	5/29/90	Vogel	380	5	
	4,959,720	9/25/90	Duffield et al.	358	191.1	
	4,977,455	12/11/90	Young	358	142	
	5,109,279	4/28/92	Ando	358	147	
	5,134,719	7/28/92	Mankovitz	455	154.1	
	5,172,413	12/15/92	Bradley et al.	380	020	
	5,200,822	4/6/93	Bronfin et al.	358	142	
	5,253,066	10/12/93	Vogel	358	188	
	5,335,277	8/2/94	Harvey et al.	380	20	
	5,412,720	5/2/95	Hoarty	380	15	
	5,442,389	8/15/95	Blahut et al.	348	7	
	5,485,197	1/16/96	Hoarty	348	7	
	5,517,257	5/14/96	Dunn et al.	348	734	
	5,524,195	6/4/96	Clanton, III et al.	395	155	
	5,539,449	7/23/96	Blahut et al.	348	7	
	5,550,576	8/27/96	Klosterman	348	6	
	5,583,561	12/10/96	Baker et al.	348	7	
	5,583,563	12/10/96	Wanderscheid et al.	348	13	
	5,585,838	12/17/96	Lawler et al.	348	13	
	5,585,858	12/17/96	Harper et al.	348	485	
	5,589,892	12/31/96	Knee et al.	348	731	

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DATE CONSIDERED

5/2/05

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Sheet 2 of 4

FORM PTO-1449

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>W</i>	5,602,582	2/11/97	Wanderscheid et al.	348	12	
	5,630,119	5/13/97	Aristides et al.	395	601	
	5,648,824	7/15/97	Dunn et al.	348	734	
	5,654,748	8/5/97	Matthews, III	348	13	
	5,654,886	8/5/97	Zereski, Jr. et al.	364	420	
	5,657,072	8/12/97	Aristides et al.	348	13	
	5,666,645	9/9/97	Thomas et al.	455	6.1	
	5,684,525	11/4/97	Klosterman	348	12	
	5,694,163	12/2/97	Harrison	348	13	
	5,717,452	2/10/98	Janin et al.	348	7	
	5,745,710	4/28/98	Clanton, III et al.	395	327	
	5,751,282	5/12/98	Girard et al.	345	327	
	5,762,159	5/12/98	Faust et al.	455	5.1	
	5,754,771	5/19/98	Epperson et al.	395	200.33	
	5,760,821	6/2/98	Ellis et al.	348	10	
	5,768,528	6/16/98	Stumm	395	200.61	
	5,778,182	7/7/98	Cathey et al.	395	200.49	
	5,781,226	7/14/98	Sheehan	348	6	
	5,796,952	8/18/98	Davis et al.	395	200.54	
	5,802,284	9/1/98	Karlon et al.	395	200.09	
	5,805,763	9/8/98	Lawler et al.	386	83	
	5,805,804	9/8/98	Laursen et al.	395	200.02	
	5,812,123	9/22/98	Rowe et al.	345	327	
	5,818,438	10/6/98	Howe et al.	345	327	
	5,819,019	10/6/98	Nelson	395	182.02	
	5,828,945	10/27/98	Klosterman	455	4.2	

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5/21/08

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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANTS	ATTY. DOCKET NO. UV-84	APPLICATION NO. 09/332,244
		APPLICANTS Michael D. Ellis et al.	CONFIRMATION NO. 2681
		FILING DATE June 11, 1999	GROUP ART UNIT 2711

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
K	6,147,715	11/14/2000	Yuen et al.	348	565	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER



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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICESUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT BY
APPLICANTSATTY. DOCKET NO.
UV-84APPLICANTS
Michael D. Ellis et al.FILING DATE
June 11, 1999APPLICATION NO.
09/332,244CONFIRMATION NO.
2681GROUP ART UNIT
2711

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Wp	6,324,338	11/27/2001	Wood et al.	386	83	
	5,585,866	12/17/1996	Miller et al.	348	731	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
Wp	WO 98/47283	10/22/1998	PCT	H04N	7/173		
	WO 99/60790	11/25/1999	PCT	H04N	7/173		
	WO 00/16548	03/23/2000	PCT	H04N	5/445		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
UV-84APPLICATION NO.
09/322,244INFORMATION DISCLOSURE
STATEMENT BY APPLICANTSAPPLICANTS
Michael D. Ellis et al.FILING DATE
June 11, 1999GROUP
2711

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PL	5534911	07/09/1996	Levitan			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
PL	WO 98/47283	10/22/1998	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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5/21/99

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANTS	ATTY. DOCKET NO. UV-84	APPLICATION NO. 09/332,244
	APPLICANTS Michael D. Ellis et al.	CONFIRMATION NO. 2681
	FILING DATE June 11, 1999	GROUP 2711

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
bc	5,781,228	07/14/1998	Jonathan N. Sposato	348	13	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
bc	WO 97/40623	10/30/1997	PCT	H04N	5/783		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANTS	ATTY. DOCKET NO. UV-84	APPLICATION NO. 09/332,244
	APPLICANTS Michael D. Ellis et al.	CONFIRMATION NO. 2681
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
bc	6,052,145	04/18/2000	Macrae et al.	348	10	10/01/1997
f	6,208,335	03/27/2001	Gordon et al.	345	327	12/03/1997

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
bl	5,461,415	10/24/95	Wolf et al.	725	088	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
bl	247388	10/15/94	R.O.C.			X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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